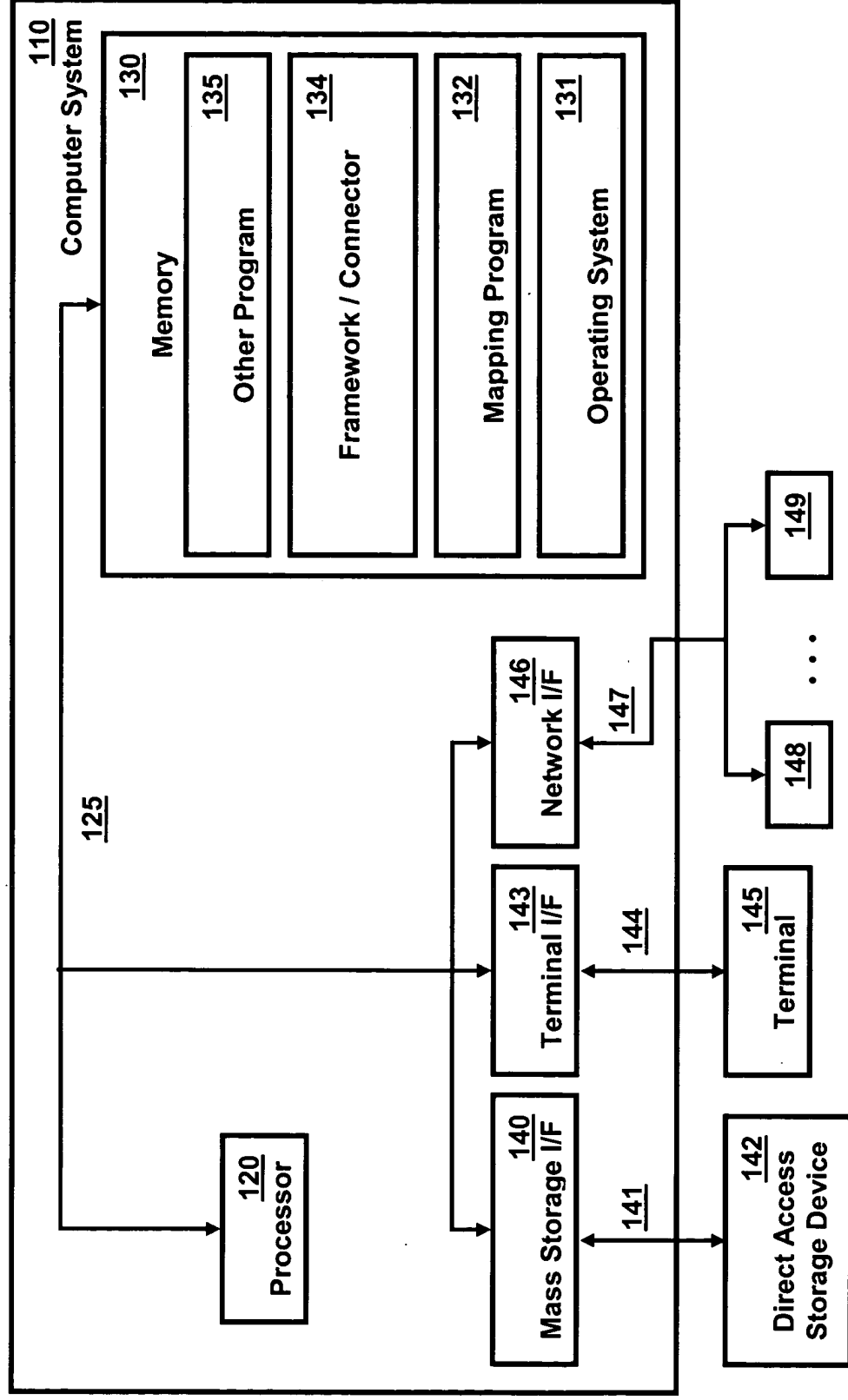
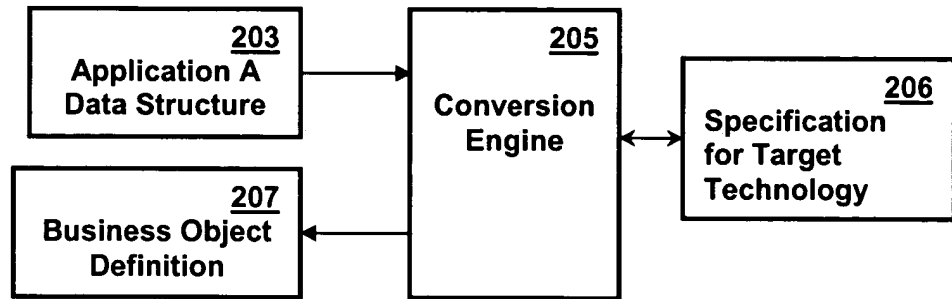


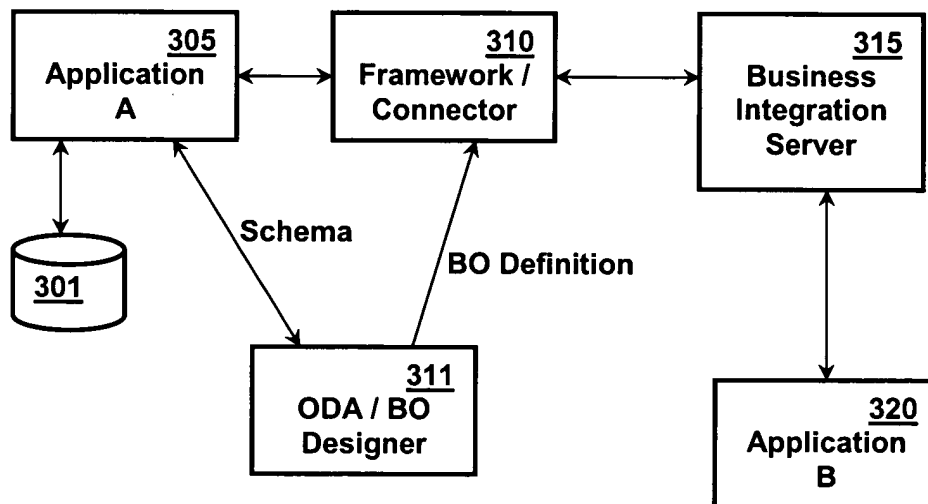
**FIG. 1**



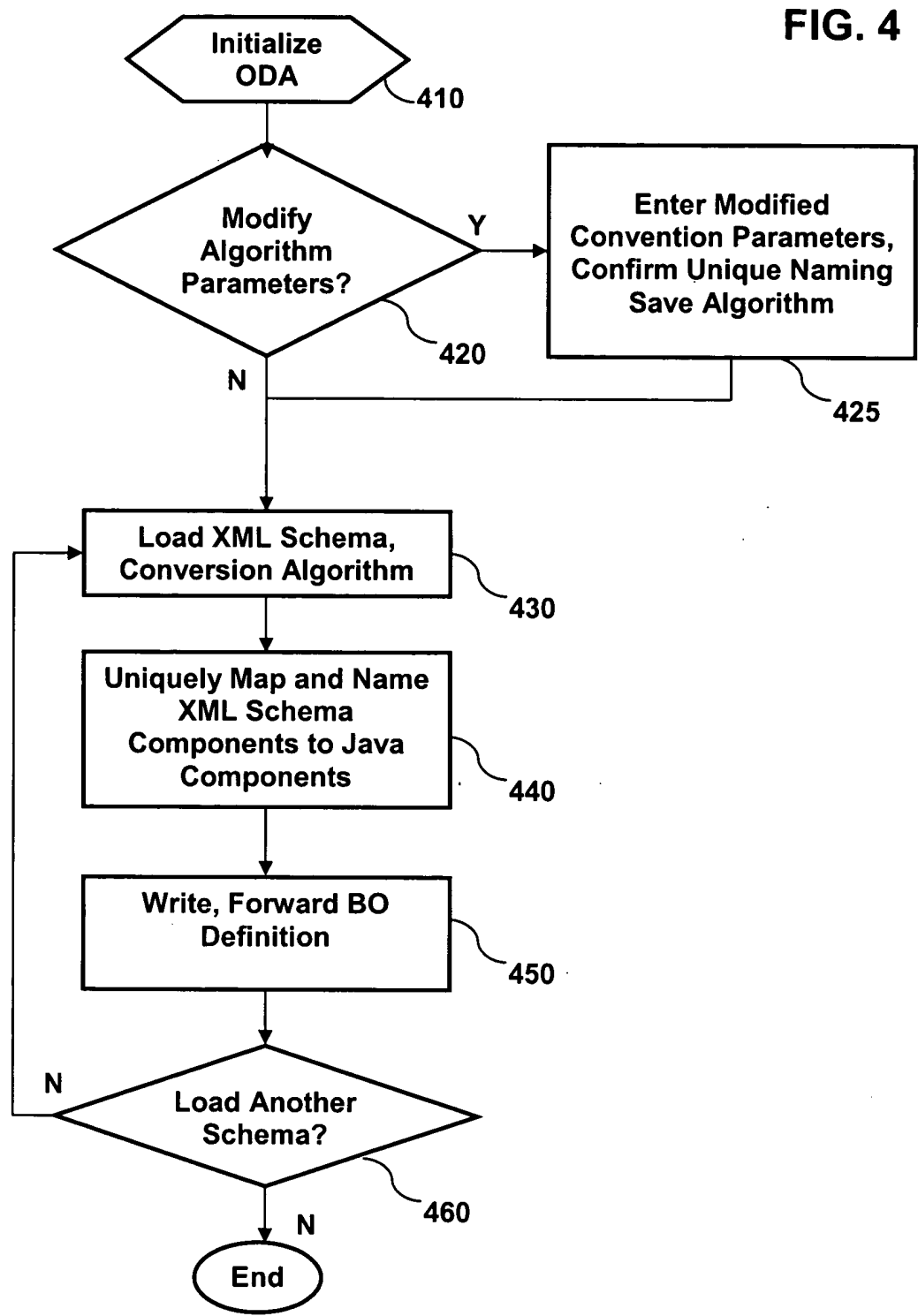
**FIG. 2**



**FIG. 3**



**FIG. 4**



**FIG. 5** (Sample Mapping Table)

<u>XML Schema Components</u>	<u>Java Components</u>
Elements (local and global)	Member variables
Attributes (local and global)	Member variables
Attribute Groups (global)	Member variables
Groups (global)	Classes
Simple Types (named and anonymous)	Classes
Complex Types (named and anonymous)	Classes

**FIG. 6 (Sample Naming Table)**

Schema Component Name	Schema Component Type	Java Component Name	Java Component Type	Member Variable Type
1) Product	Named Complex Type	XML_NI01 46403 10_Product	Class	
2) ID	Local Element	ID	Member variable	String
3) Name	Local Element	Name	Member variable	String
4) ID	Local Element	ID_N1950439913	Member variable	String
5) Data	Local Element	Data	Member variable	XML_P02493014 27_Data
6) ID	Local Element	ID_N1950439913 _0	Member variable	String
7) ID	Attribute	ID_N1950550919	Member variable	String
8) Anonymous Complex Type Referred by Data	Anonymous Complex Type	XML_P02493014 27_Data	Class	
9) Desc	Local Element	Desc	Member variable	String
10) MfgDate	Local Element	MfgDate	Member variable	String
11) LongNames_abc defghijklmnopqr stuvwxyz_abcdef ghijklmriopqrstu vwxyz	Named Complex Type	XML_N 16408747 45_LongNames_a bcdefghijklmnopq rstuvwxyz_abcde	Class	
12) LongElemName _abcdefghijklmn opqrstuvwxyz_ab cdefghijklmnopqr stuvwxyz_abcdef ghijklmnopqrstuv wxyz_abcdefghijk lmnopqrstuvwxyz	Local Element	LongElemName_ abcdefghijklmnop qrstuvwxyz_abcd efghijklmnopqrstu vwxyz_abcdefghij klm	Member variable	String